

SUBSEA ENGINEERING (ONLINE - JANUARY START) (MSc/PgDip/PgCert)

63H900B1/63H900VX/63H900VZ

Duration: MSc 27 - 60 months part-time; PgDip 21 - 45 months part-time; PgCert 9 - 21 months part time.

The course can be studied full-time on campus or part-time by Distance Learning.

Content: The aims of the programme are to provide education and training at postgraduate level for engineers both working in the subsea sector or for those aspiring to work in the subsea sector. The content reflects the overview of all key subsea activities of relevance to subsea engineers working in multi-disciplinary teams.

Students are normally expected to undertake a subsea related project in their workplace supervised jointly by an academic and industrial supervisor (nominated by student).

Year 1

EG55G2 Pipelines and Soil Mechanics (15 credit points)

EG55Q2 Engineering Risk and Reliability Analysis (15 credit points)

Year 2

EG502T Offshore Structures & Subsea Systems (15 credit points)

EG50T8 Subsea Construction, Inspection and Maintenance (15 credit points)

EG55G6 Riser Systems & Hydrodynamics (15 credit points)

EG55G8 Flow Assurance (15 credit points)

Year 3

EG50G6 Subsea Control (15 credit points)

EG50G8 Subsea Integrity (15 credit points)

EG59E9 Individual Project in Subsea Engineering (60 credit points)

Assessment: By a combination of written examination and course work as prescribed for each course. In addition MSc candidates must submit a dissertation on their individual project, and may be required to undergo an oral examination. The degree of MSc shall not be awarded to a candidate who fails to achieve a CGS grade of D3 or above in the individual project, irrespective of their performance in other courses.